

Title (en)
Suturing device

Title (de)
Nahtvorrichtung

Title (fr)
Dispositif de suture

Publication
EP 2042105 A2 20090401 (EN)

Application
EP 08016881 A 20080925

Priority
US 86389907 A 20070928

Abstract (en)
A suturing device is disclosed which sutures a tissue using a suture unit having a suture thread with both ends fitted to a first anchor and a second anchor, respectively. The suturing device includes a hollow tip member receiving the first and second anchors; a wire having a front end inserted through the tip member so that the first and second anchors can be released out from the tip member; a flexible tube having a distal end integrally connected at a proximal end of the tip member, through which the wire is inserted so as to freely move forward and backward in the axial direction of the tube; a parallel member inserted through the tube so as to freely move forward and backward in the axial direction of the tube along with the wire; a relative position holding member fitted to the wire so as to hold constant a relative positional relationship between the wire and the parallel member; a forward movement restricting member provided on the tube or the tip member so as to restrict a forward movement of the parallel member; and an operating portion provided at a proximal end side of the wire and the parallel member so as to operate the wire and the parallel member. In a state in which the relative positional relationship between the wire and the parallel member is held constant by the relative position holding member, when the wire is moved in the forward direction until the forward movement of the parallel member is restricted by the forward movement restricting member, only the first anchor is released out from the tip member by the movement of the wire.

IPC 8 full level
A61B 17/04 (2006.01)

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Citation (applicant)
WO 2007037326 A1 20070405 - OLYMPUS MEDICAL SYSTEMS CORP [JP], et al

Cited by
JP2012522600A; AU2010232485B2; WO2010115113A1

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AL BA MK RS

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EP 2042105 A2 20090401; **EP 2042105 A3 20090415**; **EP 2042105 B1 20150527**; CN 101396293 A 20090401; CN 101396293 B 20120125; JP 2009082716 A 20090423; JP 5164769 B2 20130321; KR 101423341 B1 20140724; KR 20090033140 A 20090401; US 2009088780 A1 20090402; US 7998150 B2 20110816

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EP 08016881 A 20080925; CN 200810161828 A 20080924; JP 2008249162 A 20080926; KR 20080094938 A 20080926; US 86389907 A 20070928